

MATERIAL SAFETY DATA SHEET

# Neutral Floor Cleaner

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SECTION 1.

## Identification of the Substance and Supplier

<b>PRODUCTS APPLICABLE</b>	Neutral Floor Cleaner: 5L, 20L, 200L
<b>PRODUCT USE</b>	Household/Industrial/Institutional: Cleaning product
<b>SUPPLIER</b>	Simms Jones Ltd, 217 Lichfield St, Christchurch
<b>PHONE</b>	(03) 366 5769
<b>FAX</b>	(03) 365 4727
<b>E-MAIL</b>	cleanser@simmsjones.co.nz
<b>EMERGENCY CONTACT</b>	Craig Keenan 027 291 6181

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SECTION 2.

## Hazards Identification

### HAZARDS

Skin corrosion/irritation Category 2, Serious eye damage/eye irritation Category 2B, Skin sensitization

### HAZARD STATEMENTS

Warning. Causes eye irritation. Causes skin irritation. May cause an allergic skin reaction.

### PREVENTION STATEMENTS

Read label before use. Wear protective gloves and eye/face protection. Avoid breathing spray.

Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace

### RESPONSE STATEMENTS

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.  
Continue rinsing. If eye irritation persists: Get medical attention.

IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash before re-use.  
If skin irritation or rash occurs: Get medical attention.

### DISPOSAL STATEMENT

Triple rinse empty container before offering for recycling or disposal.

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**SECTION 3.****Composition and Information on Ingredients**

INGREDIENT	PROPORTION	CAS NUMBER
Coconut Fatty Acid Diethanolamide	<2%	61791-31-9
Citric Acid	<1%	77-92-9
5-chlor-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one mixture (Acticide 14)	<1%	55965-84-9

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**SECTION 4.****First Aid Measures**

**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

**IF ON SKIN:** Wash with plenty of soap and water. Take off contaminated clothing and wash before re-use. If skin irritation or rash occurs: Get medical attention.

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**SECTION 5.****Fire-Fighting Measures**

<b>EXTINGUISHING MEDIA</b>	Foam, CO <sub>2</sub> , dry chemical, or water fog
<b>COMBUSTION PRODUCTS</b>	Toxic organic vapours, amines, carbon oxides, nitrogen oxides, sodium oxides, sulphur oxides, and hydrogen chloride
<b>FIRE-FIGHTING PROCEDURES</b>	Use breathing apparatus, firefighting gear, and rubber or PVC gloves

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**SECTION 6.****Accidental Release Measures**

<b>EMERGENCY PROCEDURES</b>	No special procedures required
<b>ENVIRONMENTAL PRECAUTIONS</b>	No special precautions required
<b>SPILL CONTROL</b>	For large spills, apply sand or inert absorbent material and sweep up.

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**SECTION 7.****Handling and Storage**

**HANDLING PRECAUTIONS**  
Wear protective gloves and eye/face protection. Avoid breathing spray. Wash hands thoroughly after handling.

**STORAGE**  
Store locked up. Keep cool. Keep out of reach of children.

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## SECTION 8.

### Exposure Controls/Personal Protection

EXPOSURE LIMITS	8 h TWA = 50 mg/m <sup>3</sup>
ENGINEERING CONTROLS	Ensure ventilation is adequate
RESPIRATORY PROTECTION	Full-face-piece positive-pressure air-supplied respirator
PROTECTIVE GLOVES	Nitrile rubber or PVC
EYE PROTECTION	Splash-proof goggles or full-face-shield

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## SECTION 9.

### Physical and Chemical Properties

APPEARANCE	Clear orange liquid
ODOUR	Floral
ODOUR THRESHOLD	Not Determined
pH	7.5-8.0
MELTING POINT/FREEZING POINT	<0°C
INITIAL BOILING POINT	>100°C
FLASH POINT	Not Flammable
FLAMMABILITY	Not Flammable
FLAMMABILITY OR EXPLOSIVE LIMITS	Not Flammable
VAPOUR PRESSURE	Not Determined
VAPOUR DENSITY	Not Determined
RELATIVE DENSITY	1.0
SOLUBILITY	Completely miscible with water
PARTITION CO-EFFICIENT: n-OCTANOL/WATER	Not Determined
AUTO-IGNITION TEMPERATURE	Not Determined
DECOMPOSITION TEMPERATURE	Not Determined
KINEMATIC VISCOSITY	8.9x10 <sup>-7</sup> m <sup>2</sup> /s

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## SECTION 10.

### Stability and Reactivity

REACTIVITY	Not reactive with other chemicals or cleaners
STORAGE CONDITIONS	Store locked up. Keep cool.
INCOMPATIBLE SUBSTANCES	Strong oxidising and reducing agents
HAZARDOUS DECOMPOSITION PRODUCTS	Oxides of carbon and nitrogen

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SECTION 11.

## Toxicological Information

<b>ACUTE TOXICITY</b>	No acute toxicity
<b>SKIN CORROSION/IRRITATION</b>	Causes mild skin irritation
<b>SERIOUS EYE DAMAGE/IRRITATION</b>	Causes eye irritation
<b>RESPIRATORY OR SKIN SENSITISATION</b>	Causes skin sensitisation
<b>GERM CELL MUTAGENICITY</b>	No data available
<b>CARCINOGENICITY</b>	Not carcinogenic
<b>REPRODUCTIVE TOXICITY</b>	No reproductive toxicity
<b>SPECIFIC TARGET ORGAN TOXICITY</b>	
<b>-SINGLE EXPOSURE</b>	No specific organ toxicity
<b>-REPEATED EXPOSURE</b>	No specific organ toxicity
<b>ASPIRATION HAZARD</b>	No aspiration hazard

### TOXICITY

#### COCONUT FATTY ACID DIETHANOLAMIDE

CLASSIFICATION: Irritating to the skin

SPECIES: Rabbit

RESULT: Irritating

SOURCE: Henkel KGaA Duesseldorf (34). Kaestner W., Henkel KGaA, unpublished data, Archive No. 860263 (1986).

#### CITRIC ACID

CLASSIFICATION: Mildly irritating to the skin

RESULT: Irritation, in particular of the eyes but also of the respiratory pathways and the skin, is the major toxicological hazard presented by citric acid; this conclusion is confirmed by a series of reports relating to eye and skin irritation

SOURCE: SIDS

#### ACTICIDE 14

STUDY: Rat, dermal, LD<sub>50</sub>

VALUE: >1000 mg/kg

SOURCE: SDS, Thor Specialties Pty Ltd, Auckland, New Zealand

SPECIES: Guinea pig

RESULT: Sensitising effect on skin

SOURCE: SDS, Thor Specialties Pty Ltd, Auckland, New Zealand

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## SECTION 12.

### Ecological Information

<b>BIODEGRADABILITY</b>	Rapidly Degradable
<b>BIOACCUMULATIVE POTENTIAL</b>	Not Bioaccumulative
<b>MOBILITY IN SOIL</b>	Not Determined

#### ECOTOXICITY

##### COCONUT FATTY ACID DIETHANOLAMIDE

###### ACUTE

STUDY: Water flea (*Ceriodaphnia dubia*), 48 h, EC<sub>50</sub>

VALUE: 2.25 mg/L

SOURCE: Henkel KGaA Duesseldoef (24), Ankley G.T. et al, Chemosphere 21 (1990), 3-12

###### CHRONIC

STUDY: Zebrafish (*Brachydanio rerio*), semi-static, 96 h, LC<sub>50</sub>

VALUE: 3.6 mg/L

SOURCE: Henkel KGaA Duesseldorf

BIOACCUMULATIVE: No

RAPIDLY DEGRADABLE: Yes

STUDY: Algae (*Scenedesmus subspicatus*), 96 h, EC<sub>50</sub>

VALUE: 2.2 mg/L

SOURCE: Henkel KGaA Duesseldorf

STUDY: Water flea (*Daphnia magna*), 21 days, NOEC

VALUE: 0.9 mg/L

SOURCE: Henkel KGaA Duesseldorf (26), unpublished results (Test number 7836).

##### ACTICIDE 14

STUDY: Water flea (*Daphnia*), 48 h, EC<sub>50</sub>

VALUE: 0.85 mg/L

SOURCE: SDS, Thor Specialties Pty Ltd, Auckland, New Zealand

STUDY: Algae (*Selenastrum capricornutum*), 96 h, EC<sub>50</sub>

VALUE: 0.18 mg/L

SOURCE: SDS, Thor Specialties Pty Ltd, Auckland, New Zealand

STUDY: Rainbow trout, 96 h, LC<sub>50</sub>

VALUE: 1.9 mg/L

SOURCE: SDS, Thor Specialties Pty Ltd, Auckland, New Zealand

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## SECTION 13.

### Disposal Considerations

<b>DISPOSAL</b>	Triple rinse empty container before offering for recycling or disposal.
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## SECTION 14.

### Transportation Information

<b>UN NUMBER</b>	Not Hazardous for transport
<b>SHIPPING NAME</b>	Neutral Floor Cleaner
<b>DANGEROUS GOODS CLASS</b>	Not Hazardous for transport
<b>UN PACKING GROUP</b>	Not Hazardous for transport
<b>ENVIRONMENTAL HAZARDS</b>	Not Environmentally Hazardous
<b>SPECIAL PRECAUTIONS</b>	No special precautions required

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## SECTION 15.

### Regulatory Information

HSNO APPROVAL NUMBER	HSR002550
GROUP STANDARD	Cleaning Products (Subsidiary Hazard) Group Standard 2017
SPECIAL REQUIREMENTS	Not Applicable

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## SECTION 16.

### Other Information

Date Issued: 22-5-2018

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## ABBREVIATIONS

### 8 h TWA (Time-Weighted Average)

The time-weighted average airborne concentration of a substance when calculated over an eight-hour working day for a five-day working week.

### EC<sub>50</sub> (Half maximal effective concentration)

The concentration of a drug, antibody, or toxicant which induces a response halfway between the baseline and maximum after a specified exposure time.

### LC<sub>50</sub> (Lethal Concentration 50%)

The concentration of a drug, antibody, or toxicant that kills half of a population.

### LD<sub>50</sub> (Lethal Dose 50%)

The amount of a drug, antibody or toxicant that kills half of a population.

### NOEC

No Observed Effect Concentration

### UN

United Nations

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